

November 20, 2020

**VIA FIRST CLASS MAIL & ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 4963 - Gas Cost Recovery (GCR) Filing  
Monthly Filing of GCR Deferred Balances**

Dear Ms. Massaro:

On behalf of National Grid,<sup>1</sup> enclosed please find the Company's monthly filing of gas costs and gas cost revenue data.

The deferred balance report that is attached covers the 12-month period from November 1, 2019 through October 31, 2020. Based on twelve months of actual data, the deferred gas cost balance at the end of October 2020 is an under-recovery of approximately \$12.1 million (*see* attached Schedule 1, page 1). This calculation is based on the November 1, 2019 starting over-recovery balance of \$1.9 million<sup>2</sup> plus actual gas costs and gas cost revenue for November 2019 through October 2020.

Details of this deferred balance report are provided in the attached schedules. Schedule 1 summarizes the deferred gas cost activity by GCR category and by month. Schedule 2 provides a breakdown of actual gas costs for November 2019 through October 2020. Schedule 3 summarizes actual gas cost revenue for November 1, 2019 through October 31, 2020. Schedule 4 shows the calculation of working capital. Schedule 5 presents the calculation of inventory finance charges. Schedule 6 presents customer class specific throughput.

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid ("National Grid" or the "Company").

<sup>2</sup> This amount represents the ending balance at October 31, 2019, as filed on November 18, 2019 in Docket No. 4872.

# Robinson+Cole

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The actual deferred under-recovery balance at the end of October 2020 of \$12.1 million is an increase of approximately \$2.8 million in the deferred under-recovery balance as compared to the projected deferred under-recovery balance of \$9.3 million from last month's deferred balance report. The increase in the deferred under-recovery balance from last month's report is due to an decrease of \$1.1 million in the actual NGPMP credit for the period July 1, 2020 through September 30, 2020, an increase of \$1.3 million in actual gas costs, and a decrease in gas cost revenue for October 2020 of approximately \$0.4 million.

The actual deferred under-recovery balance at the end of October 2020 of \$12.1 million represents a difference of 8.7 percent of the Company's projected 2019-20 annual GCR revenue, which exceeds the 5 percent criteria established for evaluating whether the Company's GCR factors should be revised (*see* the Company's tariff, RIPUC NG-GAS No. 101, Section 2, Schedule A, Part 1.2). However, the Company typically includes a forecast of the deferred balance at the end of each October in its proposed GCR factors and therefore the actual balance at the end of October 2020 would not trigger an interim adjustment to the GCR factors.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3337.

Very truly yours,



Leticia C. Pimentel

Enclosures

cc: Docket 4963 Service List  
Leo Wold, Esq.  
Al Mancini  
John Bell

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



\_\_\_\_\_  
Heidi Seddon

November 20, 2020  
Date

**Docket No. 4963 – National Grid – 2018 Annual Gas Cost Recovery Filing (GCR) - Service List as of 8/19/2019**

<b>Name/Address</b>	<b>E-mail</b>	<b>Phone</b>
Jennifer Brooks Hutchinson, Esq. National Grid 280 Melrose Street Providence, RI 02907	<a href="mailto:Jennifer.hutchinson@nationalgrid.com">Jennifer.hutchinson@nationalgrid.com</a> ;	401-784-7288
	<a href="mailto:Celia.obrien@nationalgrid.com">Celia.obrien@nationalgrid.com</a> ;	
	<a href="mailto:Joanne.scanlon@nationalgrid.com">Joanne.scanlon@nationalgrid.com</a> ;	
Leticia C. Pimentel, Esq. Steven J. Boyajian, Esq. Robinson & Cole LLP One Financial Plaza, 14 <sup>th</sup> Floor Providence, RI 02903	<a href="mailto:lpimentel@rc.com">lpimentel@rc.com</a> ;	401-709-3337
	<a href="mailto:Sboyajian@rc.com">Sboyajian@rc.com</a> ;	401-709-3359
National Grid Ann Leary Theresa Burns Elizabeth D. Arangio MaryBeth Carroll Ryan Scheib Michael Pini John Protano Theodore Poe	<a href="mailto:Ann.Leary@nationalgrid.com">Ann.Leary@nationalgrid.com</a> ;	
	<a href="mailto:Theresa.Burns@nationalgrid.com">Theresa.Burns@nationalgrid.com</a> ;	
	<a href="mailto:Elizabeth.Arangio@nationalgrid.com">Elizabeth.Arangio@nationalgrid.com</a> ;	
	<a href="mailto:MaryBeth.Carroll@nationalgrid.com">MaryBeth.Carroll@nationalgrid.com</a> ;	
	<a href="mailto:ryan.scheib@nationalgrid.com">ryan.scheib@nationalgrid.com</a> ;	
	<a href="mailto:Michael.pini@nationalgrid.com">Michael.pini@nationalgrid.com</a> ;	
	<a href="mailto:John.protano@nationalgrid.com">John.protano@nationalgrid.com</a> ;	
	<a href="mailto:Theodore.poe@nationalgrid.com">Theodore.poe@nationalgrid.com</a> ;	
Leo Wold, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	<a href="mailto:Leo.wold@dpuc.ri.gov">Leo.wold@dpuc.ri.gov</a> ;	401-780-2177
	<a href="mailto:John.bell@dpuc.ri.gov">John.bell@dpuc.ri.gov</a> ;	
	<a href="mailto:Al.mancini@dpuc.ri.gov">Al.mancini@dpuc.ri.gov</a> ;	
	<a href="mailto:Jonathan.schrag@dpuc.ri.gov">Jonathan.schrag@dpuc.ri.gov</a> ;	
	<a href="mailto:Ronald.Gerwatowski@dpuc.ri.gov">Ronald.Gerwatowski@dpuc.ri.gov</a> ;	
	<a href="mailto:dmacrae@riag.ri.gov">dmacrae@riag.ri.gov</a> ;	
	<a href="mailto:MFolcarelli@riag.ri.gov">MFolcarelli@riag.ri.gov</a>	
<a href="mailto:jmierzwa@exeterassociates.com">jmierzwa@exeterassociates.com</a> ;		

Greg Lander, President Skipping Stone, LLC 83 Pine St., Suite 101 West Peabody, MA 01960	<a href="mailto:GLander@skippingstone.com">GLander@skippingstone.com</a> ;	978-717-6140
<b>File an original &amp; nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk Margaret Hogan, Commission Counsel Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a> ;	401-780-2107
	<a href="mailto:Margaret.hogan@puc.ri.gov">Margaret.hogan@puc.ri.gov</a> ;	
	<a href="mailto:Patricia.lucarelli@puc.ri.gov">Patricia.lucarelli@puc.ri.gov</a> ;	
	<a href="mailto:Sharon.ColbyCamara@puc.ri.gov">Sharon.ColbyCamara@puc.ri.gov</a> ;	
Office of Energy Resources Christopher Kearns Nicholas Ucci	<a href="mailto:Christopher.Kearns@energy.ri.gov">Christopher.Kearns@energy.ri.gov</a> ;	
	<a href="mailto:Nicholas.ucci@energy.ri.gov">Nicholas.ucci@energy.ri.gov</a> ;	

**Deferred Gas Cost Balances**

	Description	Reference	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Oct
			Actual	Actual	Actual	Actual	Actual	Actual	Actual						
(1)	# of Days in Month		30	31	31	28	31	30	31	30	31	31	30	31	365
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
(2)	<b>L Fixed Cost Deferred</b>														
(3)	Beginning Under/(Over) Recovery		(\$7,052,348)	(\$6,102,864)	(\$5,550,440)	(\$8,028,986)	(\$8,639,528)	(\$8,461,383)	(\$9,710,995)	(\$12,426,527)	(\$9,488,015)	(\$6,100,630)	(\$2,600,025)	\$2,150,791	(\$7,052,348)
(4)	Supply Fixed Costs (net of cap rel)	Sch. 2, line (32)	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,391,037	\$5,387,032	\$5,431,471	\$6,365,529	\$77,223,663
(5)	System Pressure to DAC (Reservation Chge - Crary St.)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(6)	Supply Related LNG O & M	Dkt 4770	\$69,152	\$590,121	\$539,696	\$303,380	(\$118,633)	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$1,867,779
(7)	NGPMP Credits		(\$475,000)	(\$475,000)	(\$1,004,242)	(\$475,000)	(\$221,260)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	\$629,846	(\$4,870,656)
(8)	Working Capital	Sch. 4, line (15)	\$47,869	\$65,399	\$65,344	\$64,578	\$65,076	\$42,116	\$21,009	\$42,009	\$40,782	\$40,751	\$41,087	\$48,153	\$584,173
(9)	Total Supply Fixed Costs	Sum[(4):(8)]	\$5,969,924	\$8,825,827	\$8,238,857	\$8,429,778	\$8,327,717	\$5,203,748	\$2,392,351	\$5,189,461	\$5,025,971	\$5,021,935	\$6,171,557	\$6,007,834	\$74,804,960
(10)	Supply Fixed - Revenue	Sch. 3, line (13)	\$5,000,953	\$8,259,810	\$10,701,564	\$9,022,756	\$8,136,639	\$6,444,030	\$5,096,139	\$2,239,697	\$1,630,316	\$1,516,713	\$1,420,511	\$1,927,112	\$61,396,239
(11)	Monthly Under/(Over) Recovery	(9) - (10)	\$968,971	\$566,017	(\$2,462,707)	(\$592,978)	\$191,078	(\$1,240,282)	(\$2,703,788)	\$2,949,764	\$3,395,655	\$3,505,222	\$4,751,047	\$4,080,722	\$13,408,721
(12)	Prelim. Ending Under/(Over) Recovery	(3) + (11)	(\$6,083,378)	(\$5,536,847)	(\$8,013,147)	(\$8,621,965)	(\$8,448,450)	(\$9,701,664)	(\$12,414,782)	(\$9,476,763)	(\$6,092,360)	(\$2,595,408)	\$2,151,022	\$6,231,512	\$6,356,373
(13)	Month's Average Balance	[(3) + (12)] ÷ 2	(\$6,567,863)	(\$5,819,856)	(\$6,781,793)	(\$8,325,475)	(\$8,543,989)	(\$9,081,523)	(\$11,062,888)	(\$10,951,645)	(\$7,790,187)	(\$4,348,019)	(\$224,501)	\$4,191,152	
(14)	Interest Rate (BOA Prime minus 200 bps)		2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
(15)	Interest Applied	[(13) x (14)] ÷ 365 x (1)	(\$14,845)	(\$13,593)	(\$15,840)	(\$17,563)	(\$12,933)	(\$9,330)	(\$11,745)	(\$11,252)	(\$8,270)	(\$4,616)	(\$231)	\$4,450	(\$115,769)
(16)	Marketer Reconciliation	Dkt 4872	(\$4,641)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,641)
(17)	FIXED ENDING UNDER/(OVER) RECOVERY	(12) + (15) + (16)	(\$6,102,864)	(\$5,550,440)	(\$8,028,986)	(\$8,639,528)	(\$8,461,383)	(\$9,710,995)	(\$12,426,527)	(\$9,488,015)	(\$6,100,630)	(\$2,600,025)	\$2,150,791	\$6,235,963	\$6,235,963
(18)	<b>II Variable Cost Deferred</b>														
(19)	Beginning Under/(Over) Recovery		\$5,109,999	\$8,659,769	\$11,209,584	\$10,622,654	\$11,089,511	\$9,288,955	\$7,486,618	\$4,141,027	\$3,975,168	\$3,975,835	\$4,327,618	\$4,746,721	\$5,109,999
(20)	Variable Supply Costs	Sch. 2, line (80)	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,913,246	\$1,899,688	\$1,848,549	\$3,227,386	\$76,061,709
(21)	Supply Related System Pressure to DAC		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22)	Supply Related LNG O & M	Dkt 4770	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$302,244
(23)	Inventory Financing - LNG	Sch. 5, line (22)	\$25,458	\$24,655	\$24,006	\$24,744	\$24,319	\$23,875	\$23,482	\$23,089	\$23,331	\$23,468	\$23,401	\$23,408	\$287,237
(24)	Inventory Financing - UG	Sch. 5, line (12)	\$80,040	\$73,770	\$67,115	\$59,355	\$53,426	\$52,404	\$56,661	\$58,782	\$62,219	\$65,935	\$72,790	\$76,526	\$779,023
(25)	Working Capital	Sch. 4, line (30)	\$70,129	\$98,562	\$100,006	\$89,553	\$63,645	\$47,598	\$22,566	\$16,083	\$14,473	\$14,371	\$13,984	\$24,414	\$575,383
(26)	Total Supply Variable Costs	Sum[(20):(25)]	\$9,471,436	\$13,251,426	\$13,436,365	\$12,037,076	\$8,579,963	\$6,441,208	\$3,110,944	\$2,249,242	\$2,038,456	\$2,028,648	\$1,983,911	\$3,376,922	\$78,005,597
(27)	Supply Variable - Revenue	Sch. 3, line (30)	\$5,957,913	\$10,724,788	\$14,048,760	\$11,593,097	\$10,395,930	\$8,252,159	\$6,462,704	\$2,641,154	\$1,819,890	\$1,681,270	\$1,569,467	\$2,232,332	\$77,379,464
(28)	Monthly Under/(Over) Recovery	(26) - (27)	\$3,513,523	\$2,526,638	(\$612,396)	\$443,979	(\$1,815,967)	(\$1,810,951)	(\$3,351,760)	(\$391,912)	\$218,566	\$347,378	\$414,444	\$1,144,589	\$626,133
(29)	Prelim. Ending Under/(Over) Recovery	(19) + (28)	\$8,623,522	\$11,186,407	\$10,597,188	\$11,066,633	\$9,273,544	\$7,478,005	\$4,134,858	\$3,749,115	\$3,971,734	\$4,323,212	\$4,742,062	\$5,891,310	\$5,736,131
(30)	Month's Average Balance	[(19) + (29)] ÷ 2	\$6,866,760	\$9,923,088	\$10,903,386	\$10,844,643	\$10,181,527	\$8,383,480	\$5,810,738	\$3,945,071	\$3,862,451	\$4,149,524	\$4,534,840	\$5,319,016	
(31)	Interest Rate (BOA Prime minus 200 bps)		2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
(32)	Interest Applied	[(30) x (31)] ÷ 365 x (1)	\$15,521	\$23,177	\$25,466	\$22,878	\$15,412	\$8,613	\$6,169	\$4,053	\$4,101	\$4,405	\$4,659	\$5,647	\$140,100
(33)	Gas Procurement Incentive/(penalty)		\$20,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,726
(34)	VARIABLE ENDING UNDER/(OVER) RECOVERY	(29) + (32) + (33)	\$8,659,769	\$11,209,584	\$10,622,654	\$11,089,511	\$9,288,955	\$7,486,618	\$4,141,027	\$3,753,168	\$3,975,835	\$4,327,618	\$4,746,721	\$5,896,957	\$5,896,957
(35)	<b>GCR Deferred Summary</b>														
(36)	Beginning Under/(Over) Recovery	(3) + (19)	(\$1,942,350)	\$2,556,905	\$5,659,143	\$2,593,668	\$2,449,983	\$827,573	(\$2,224,377)	(\$8,285,500)	(\$5,734,847)	(\$2,124,796)	\$1,727,593	\$6,897,513	(\$1,942,350)
(37)	Gas Costs	Sum[(4):(6),(16),(20):(22)]	\$15,688,223	\$22,289,867	\$22,422,992	\$20,703,623	\$16,922,475	\$11,953,963	\$5,854,577	\$7,773,739	\$7,398,622	\$7,381,058	\$7,374,359	\$9,687,254	\$155,450,755
(38)	Inventory Finance	(23) + (24)	\$105,498	\$98,425	\$91,121	\$84,100	\$77,746	\$76,279	\$80,143	\$81,871	\$85,550	\$89,402	\$96,191	\$99,934	\$1,066,260
(39)	Working Capital	(8) + (25)	\$117,998	\$163,961	\$165,350	\$154,131	\$128,720	\$89,714	\$43,574	\$58,092	\$55,255	\$55,122	\$55,071	\$72,567	\$1,159,557
(40)	NGPMP Credits	(7)	(\$475,000)	(\$475,000)	(\$1,004,242)	(\$475,000)	(\$221,260)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	(\$475,000)	\$629,846	(\$4,870,656)
(41)	Total Costs	Sum[(37):(40)]	\$15,436,719	\$22,077,253	\$21,675,222	\$20,466,854	\$16,907,681	\$11,644,957	\$5,503,295	\$7,438,703	\$7,064,427	\$7,050,583	\$8,155,468	\$9,384,755	\$152,805,916
(42)	Revenue	(10) + (27)	\$10,958,866	\$18,984,598	\$24,750,324	\$20,615,853	\$18,532,569	\$14,696,189	\$11,558,842	\$4,880,850	\$3,450,206	\$3,197,983	\$2,989,977	\$4,159,444	\$138,775,703
(43)	Monthly Under/(Over) Recovery	(41) - (42)	\$4,477,853	\$3,092,655	(\$3,075,102)	(\$148,999)	(\$1,624,889)	(\$3,051,233)	(\$6,055,548)	\$2,557,852	\$3,614,221	\$3,852,600	\$5,165,491	\$5,225,311	\$14,030,213
(44)	Prelim. Ending Under/(Over) Recovery	(36) + (43)	\$2,535,504	\$5,649,560	\$2,584,041	\$2,444,668	\$825,094	(\$2,223,660)	(\$8,279,924)	(\$5,727,648)	(\$2,120,626)	\$1,727,804	\$6,893,084	\$12,122,824	
(45)	Month's Average Balance	[(36) + (44)] ÷ 2	\$296,577	\$4,103,232	\$4,121,592	\$2,519,168	\$1,637,538	(\$698,043)	(\$5,252,151)	(\$7,006,574)	(\$3,927,736)	(\$198,496)	\$4,310,339	\$9,510,168	
(46)	Interest Rate (BOA Prime minus 200 bps)		2.75%	2.75%	2.75%	2.75%	1.78%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
(47)	Interest Applied	(15) + (32)	\$676	\$9,584	\$9,626	\$5,314	\$2,479	(\$717)	(\$5,576)	(\$7,199)	(\$4,170)	(\$211)	\$4,428	\$10,096	\$24,331
(48)	Gas Purchase Plan Incentives/(Penalties)	(33)	\$20,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,726
(49)	ENDING UNDER/(OVER) RECOVERY W/ INTEREST	(44) + (47) + (48)	\$2,556,905	\$5,659,143	\$2,593,668	\$2,449,983	\$827,573	(\$2,224,377)	(\$8,285,500)	(\$5,734,847)	(\$2,124,796)	\$1,727,593	\$6,897,513	\$12,132,920	\$12,132,920

Supply Estimates Actuals for Filing

	<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Actual</u> (i)	<u>Aug</u> <u>Actual</u> (j)	<u>Sep</u> <u>Actual</u> (k)	<u>Oct</u> <u>Actual</u> (l)	Nov-Oct (m)	
<u>Description</u>	<u>Reference</u>													
(1) <b>SUPPLY FIXED COSTS - Pipeline Delivery</b>														
(2) Algonquin*	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$648,797	\$648,797	
(3) Dawn to E.Here	\$1,184,940	\$1,151,362	\$1,151,688	\$1,107,013	\$1,116,504	\$1,094,343	\$1,110,633	\$1,106,174	\$1,124,707	\$1,126,476	\$1,119,050	\$1,134,257	\$13,527,147	
(4) Dawn to WADDY	\$11,895	\$11,895	\$11,895	\$11,895	\$11,895	\$11,711	\$11,711	\$11,711	\$11,711	\$11,711	\$11,711	\$11,711	\$141,451	
(5) Dominion SP	\$8,196	\$8,211	\$8,211	\$8,185	\$8,185	\$6,763	\$6,763	\$6,763	\$5,231	\$6,626	\$7,037	\$7,037	\$87,208	
(6) Dracut	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$85,024	\$1,020,288	
(7) Everett	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$104,580	\$1,254,954	
(8) Manchester Lateral	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$3,153,600	
(9) Millennium/AIM	\$934,257	\$932,840	\$933,474	\$922,668	\$934,297	\$927,625	\$933,474	\$927,625	\$933,474	\$933,474	\$927,625	\$933,474	\$11,174,304	
(10) Niagara	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$6,842	\$82,103	
(11) TCO App	\$249,811	\$241,112	\$251,491	\$264,131	\$264,131	\$265,371	\$263,371	\$263,371	\$263,371	\$260,971	\$260,971	\$260,971	\$3,109,073	
(12) TCO App/M3/Storage	\$418,695	\$418,695	\$418,694	\$339,517	\$418,695	\$418,695	\$418,695	\$418,695	\$418,695	\$418,695	\$488,425	\$488,426	\$5,084,619	
(13) TCO M3	\$50,485	\$50,798	\$50,798	\$53,154	\$53,154	\$53,385	\$53,013	\$53,013	\$53,013	\$52,565	\$52,565	\$52,565	\$628,509	
(14) Tetco M2	\$1,029,491	\$1,031,216	\$1,031,099	\$1,019,921	\$1,024,974	\$858,269	\$858,269	\$858,269	\$858,269	\$862,264	\$864,189	\$864,189	\$11,160,420	
(15) TetcoM2/M3	\$368,248	\$368,341	\$368,340	\$368,341	\$368,340	\$368,340	\$368,340	\$368,341	\$368,340	\$368,341	\$481,492	\$481,492	\$4,646,293	
(16) Tetco Refund	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,730,061)	\$0	\$0	\$0	(\$108,759)	\$0	(\$2,838,819)	
(17) Transco Leidy	\$9,198	\$9,401	\$9,401	\$8,995	\$9,401	\$9,197	\$9,400	\$7,884	\$8,043	\$8,043	\$8,842	\$9,001	\$106,805	
(18) Transco Refund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$18,952)	\$0	\$0	\$0	(\$18,952)	
(19) Zone 4	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,572	\$449,571	\$449,572	\$449,572	\$5,394,860	
(20) Zone 4 CXN	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$263,953	\$3,167,440	
(21) AMA Credits	(\$5,101)	(\$5,101)	(\$5,101)	(\$5,101)	(\$5,101)	\$0	(\$5,101)	(\$5,101)	(\$5,751)	(\$5,101)	(\$5,101)	(\$5,101)	(\$56,762)	
(22) Less Credits from Mkter Releases	(\$846,014)	(\$871,069)	(\$871,201)	(\$840,155)	(\$880,355)	(\$789,886)	(\$864,978)	(\$896,167)	(\$1,016,837)	(\$1,040,083)	(\$1,087,640)	(\$941,145)	(\$10,945,531)	
(23) <b>SUPPLY FIXED - Supplier</b>														
(24) Distrigas FCS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(25) <b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(26) <b>STORAGE FIXED COSTS - Facilities</b>														
(27) Columbia FSS	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$116,328	
(28) Dominion GSS	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$36,391	\$436,695	
(29) Dominion GSSTE	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$46,764	\$561,168	
(30) Providence LNG	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$1,964,880	
(31) Tennessee FSMA	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$43,258	\$519,091	
(32) Tetco FSS1	\$3,716	\$3,701	\$3,705	\$3,715	\$3,711	\$2,397	\$2,400	\$2,456	\$2,401	\$2,404	\$2,348	\$2,349	\$35,304	
(33) Tetco SS1	\$149,050	\$148,806	\$148,930	\$148,447	\$148,437	\$114,352	\$114,404	\$115,317	\$114,417	\$114,775	\$113,943	\$113,960	\$1,544,839	
(34) <b>STORAGE FIXED COSTS - Delivery</b>														
(35) Storage Delivery	\$413,122	\$409,860	\$413,699	\$413,157	\$413,330	\$311,804	\$311,741	\$311,741	\$311,741	\$306,709	\$335,609	\$344,381	\$4,296,893	
(36) <b>Confidential Pipeline and Peaking Supplies</b>	<u>\$875,297</u>	<u>\$3,262,622</u>	<u>\$3,240,319</u>	<u>\$3,240,320</u>	<u>\$3,240,319</u>	<u>\$442,496</u>	<u>\$442,502</u>	<u>\$530,593</u>	<u>\$486,548</u>	<u>\$486,547</u>	<u>\$486,547</u>	<u>\$486,548</u>	<u>\$17,220,656</u>	
(37) <b>TOTAL FIXED COSTS</b>	Sum[(2):(33)]	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,391,037	\$5,387,032	\$5,431,471	\$6,365,529	\$77,223,663

\* Increase in demand rates for the period June 2020 through August 2020, resulting from Algonquin Gas Transmission, LLC rate settlement

Supply Estimates Actuals for Filing

Description	Reference	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	Nov-Oct
		<u>Actual</u>												
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
<b>(38) VARIABLE COMMODITY COSTS</b>														
(39) AGT Citygate														\$0
(40) AIM at Ramapo														\$0
(41) Dawn via IGTS														\$0
(42) Dawn via PNGTS														\$0
(43) Dominion SP														\$0
(44) Everett Swing														\$0
(45) Millennium														\$0
(46) Niagara														\$0
(47) TCO Appalachia														\$0
(48) TCO M3														\$0
(49) Tetco M2														\$0
(50) Tetco M3														\$0
(51) TGP Z4														\$0
(52) Transco Leidy														\$0
(53) Waddington														\$0
(54) Confidential Pipeline and Peaking Supplies														\$0
(55) Variable Transportation Costs														\$0
(56) Total Pipeline Commodity Charges	Sum[(36):(52)]	\$7,602,305	\$9,684,821	\$8,257,301	\$6,463,119	\$4,228,396	\$3,600,118	\$1,813,879	\$802,884	\$971,082	\$1,145,334	\$1,303,238	\$2,220,317	\$48,092,795
<b>(57) INJECTIONS &amp; HEDGING IMPACT</b>														
(58) Hedging		\$762,650	\$1,615,709	\$3,290,717	\$3,948,300	\$2,934,635	\$1,652,722	\$619,112	\$476,792	\$602,437	\$418,795	\$228,734	\$661,718	\$17,212,320
(59) Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(60) Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>(61) TOTAL VARIABLE SUPPLY COSTS</b>	Sum[(53):(57)]	\$8,364,955	\$11,300,530	\$11,548,019	\$10,411,418	\$7,163,031	\$5,252,840	\$2,432,991	\$1,279,677	\$1,573,518	\$1,564,129	\$1,531,971	\$2,882,035	\$65,305,114
<b>(62) VARIABLE STORAGE COSTS</b>														
(63) Underground Storage		\$529,754	\$1,166,629	\$952,613	\$1,004,123	\$971,107	\$740,650	\$381,773	\$537,511	\$93,662	\$36,551	\$62,110	\$133,404	\$6,609,887
(64) LNG Withdrawals and Trucking		\$183,268	\$197,076	\$212,296	\$81,901	\$87,661	\$63,528	\$51,845	\$50,287	\$76,450	\$68,954	\$65,962	\$70,646	\$1,209,874
<b>(65) TOTAL VARIABLE STORAGE COSTS</b>	Sum[(60):(61)]	\$713,022	\$1,363,705	\$1,164,909	\$1,086,024	\$1,058,768	\$804,178	\$433,617	\$587,798	\$170,112	\$105,505	\$128,072	\$204,050	\$7,819,761
<b>(66) TOTAL VARIABLE COSTS</b>	(58) + (62)	\$9,077,977	\$12,664,236	\$12,712,927	\$11,497,442	\$8,221,799	\$6,057,018	\$2,866,608	\$1,867,475	\$1,743,631	\$1,669,634	\$1,660,044	\$3,086,085	\$73,124,875
<b>(67) TOTAL SUPPLY COSTS</b>	(34) + (63)	\$15,405,880	\$21,309,542	\$21,350,986	\$20,034,262	\$16,824,334	\$11,624,498	\$5,643,799	\$7,420,775	\$7,134,668	\$7,056,666	\$7,091,515	\$9,451,613	\$150,348,538

Supply Estimates Actuals for Filing

		<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Actual</u> (i)	<u>Aug</u> <u>Actual</u> (j)	<u>Sep</u> <u>Actual</u> (k)	<u>Oct</u> <u>Actual</u> (l)	Nov-Oct (m)
<u>Description</u>	<u>Reference</u>													
(68) Storage Costs for FT-2 Calculation														
(69) Storage Fixed Costs - Facilities		\$452,613	\$452,354	\$452,482	\$452,009	\$451,995	\$416,596	\$416,651	\$417,620	\$416,665	\$417,026	\$416,138	\$416,156	\$5,178,305
(70) Storage Fixed Costs - Deliveries		\$1,241,457	\$4,146,489	\$4,078,935	\$3,842,077	\$3,900,322	\$432,908	\$708,616	\$796,706	\$752,661	\$747,629	\$776,529	\$785,301	\$22,209,631
(71) Sub-Total Storage Costs	Sum[(66):(67)]	\$1,694,070	\$4,598,844	\$4,531,417	\$4,294,086	\$4,352,318	\$849,504	\$1,125,266	\$1,214,326	\$1,169,326	\$1,164,655	\$1,192,667	\$1,201,457	\$27,387,936
(72) Tennessee Dracut for Peaking		\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$189,604	\$2,275,242
(73) Inventory Financing		\$105,498	\$98,425	\$91,121	\$84,100	\$77,746	\$76,279	\$80,143	\$81,871	\$85,550	\$89,402	\$96,191	\$99,934	\$1,066,260
(74) Supply Related LNG O&M Costs		\$69,152	\$590,121	\$539,696	\$303,380	(\$118,633)	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$69,152	\$1,867,779
(75) Working Capital Requirement		\$12,815	\$34,789	\$34,279	\$32,483	\$32,924	\$6,426	\$8,512	\$9,186	\$8,846	\$8,810	\$9,022	\$9,089	\$207,181
(76) TOTAL FT-2 STORAGE FIXED COSTS	Sum[(68):(72)]	\$2,071,138	\$5,511,782	\$5,386,116	\$4,903,652	\$4,533,957	\$1,190,965	\$1,472,677	\$1,564,139	\$1,522,477	\$1,521,623	\$1,556,636	\$1,569,235	\$32,804,399
(77) System Storage MDQ (Dth)		249,446	222,897	232,150	230,168	231,169	230,971	232,216	231,440	230,279	227,542	225,880	225,332	2,769,491
(78) FT-2 Storage Cost per MDQ (Dth)	(73) ÷ (74)	\$8.3029	\$24.7279	\$23.2010	\$21.3047	\$19.6131	\$5.1563	\$6.3418	\$6.7583	\$6.6114	\$6.6872	\$6.8914	\$6.9641	\$11.8449
(79) Pipeline Variable	(63)	\$9,077,977	\$12,664,236	\$12,712,927	\$11,497,442	\$8,221,799	\$6,057,018	\$2,866,608	\$1,867,475	\$1,743,631	\$1,669,634	\$1,660,044	\$3,086,085	\$73,124,875
(80) Less Non-firm Gas Costs		(\$48,873)	(\$192,204)	(\$220,972)	(\$75,497)	(\$57,074)	(\$56,997)	(\$53,042)	(\$15,734)	\$5,568	(\$3,349)	(\$7,927)	(\$10,496)	(\$736,597)
(81) Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(82) Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(83) Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(84) Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(85) Mkter Over-takes/Undertakes		\$133,299	\$357,881	\$501,685	\$214,579	\$37,982	\$47,849	(\$44,390)	\$44,485	(\$44,617)	\$22,326	(\$10,342)	(\$43,290)	\$1,217,447
(86) Plus Pipeline Srchg/Credit		\$119,939	\$205,037	\$219,050	\$219,483	\$205,754	\$219,366	\$214,776	\$219,637	\$210,411	\$211,242	\$206,775	\$199,700	\$2,451,169
(87) Less Mkter FT-2 Daily weather true-up		(\$11,719)	(\$5,697)	\$7,361	(\$17,771)	\$4,925	\$24,908	(\$904)	\$10,238	(\$1,746)	(\$166)	\$0	(\$4,613)	\$4,815
(88) TOTAL FIRM COMMODITY COSTS	Sum[(76):(84)]	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,913,246	\$1,899,688	\$1,848,549	\$3,227,386	\$76,061,709

**GCR Revenue**

		<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Actual</u> (i)	<u>Aug</u> <u>Actual</u> (j)	<u>Sep</u> <u>Actual</u> (k)	<u>Oct</u> <u>Actual</u> (l)	Nov-Oct (m)
<b>(1) I. Fixed Cost Revenue</b>														
(2) (a) Low Load dth	Sch. 6, Sum[(24):(28), (30)]	1,668,288	3,506,818	4,561,130	3,820,624	3,439,475	2,707,105	2,108,558	842,394	574,273	530,136	489,988	710,322	24,959,110
(3) Fixed Cost Factor	(4) ÷ (2)	\$2.6865	\$2.2422	\$2.2352	\$2.2399	\$2.2307	\$2.2336	\$2.2363	\$2.2329	\$2.2354	\$2.2419	\$2.2388	\$2.2339	
(4) Low Load Revenue		\$4,481,800	\$7,863,100	\$10,194,822	\$8,557,677	\$7,672,336	\$6,046,626	\$4,715,368	\$1,880,951	\$1,283,704	\$1,188,503	\$1,096,967	\$1,586,813	\$56,568,666
(5) (b) High Load dth	Sch. 6, Sum[(22), (23), (29), (31)]	51,400	71,330	96,079	71,506	68,533	63,510	57,683	45,155	38,763	29,789	28,225	38,614	660,587
(6) Fixed Cost Factor	(7) ÷ (5)	\$1.9769	\$1.6783	\$1.6831	\$1.6779	\$1.6789	\$1.6768	\$1.6794	\$1.6786	1.6789	1.6793	1.6791	1.6785	
(7) High Load Revenue		\$101,611	\$119,710	\$161,708	\$119,981	\$115,060	\$106,494	\$96,872	\$75,795	\$65,081	\$50,025	\$47,391	\$64,816	\$1,124,544
(8) Sub-total throughput Dth	(2) + (5)	1,719,687	3,578,148	4,657,209	3,892,129	3,508,007	2,770,615	2,166,242	887,550	613,036	559,925	518,213	748,936	25,619,697
(9) FT-2 Storage Revenue from marketers		\$417,542	\$277,000	\$345,034	\$345,099	\$349,244	\$290,910	\$283,899	\$282,950	\$281,531	\$278,185	\$276,153	\$275,483	\$3,703,029
(10) Manchester Steet Volumes (dth)	Monthly Meter Use	0	0	0	0	0	0	0	0	0	0	0	0	0
(11) Fixed cost factor (dth)	Inherent in approved GCR	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	\$2.2773	
(12) Manchester Street Revenue	(10) x (11)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>(13) TOTAL FIXED REVENUE</b>	<b>(4) + (7) + (9) + (12)</b>	<b>\$5,000,953</b>	<b>\$8,259,810</b>	<b>\$10,701,564</b>	<b>\$9,022,756</b>	<b>\$8,136,639</b>	<b>\$6,444,030</b>	<b>\$5,096,139</b>	<b>\$2,239,697</b>	<b>\$1,630,316</b>	<b>\$1,516,713</b>	<b>\$1,420,511</b>	<b>\$1,927,112</b>	<b>\$61,396,239</b>
<b>(14) II. Variable Cost Revenue</b>														
(15) (a) Firm Sales dth	(8)	1,719,687	3,578,148	4,657,209	3,892,129	3,508,007	2,770,615	2,166,242	887,550	613,036	559,925	518,213	748,936	25,619,697
(16) Variable Supply Cost Factor	(17) ÷ (15)	\$3.4454	\$2.9776	\$2.9690	\$2.9750	\$2.9630	\$2.9668	\$2.9704	\$2.9659	\$2.9690	\$2.9773	\$2.9734	\$2.9672	
(17) Variable Supply Revenue		\$5,925,044	\$10,654,292	\$13,827,326	\$11,578,998	\$10,394,325	\$8,219,796	\$6,434,515	\$2,632,380	\$1,820,135	\$1,667,072	\$1,540,832	\$2,222,279	\$76,916,995
(18) (b) TSS Sales dth	Sch. 6, line (20)	4,202	6,482	22,250	18,844	18,086	16,361	16,173	1,115	202	1,248	745	1,691	107,400
(19) TSS Surcharge Factor	Company's website	\$0.0000	\$0.2530	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
(20) TSS Surcharge Revenue	(18) x (19)	\$0	\$1,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,640
(21) (c) Default Sales dth	Sch. 6, line (60)	4,509	8,780	27,294	(2,440)	5,561	5,844	5,097	1,510	(172)	1,510	1,890	1,674	61,058
(22) Variable Supply Cost Factor	(23) ÷ (21)	\$6.91	\$4.63	\$8.11	(\$2.13)	\$0.02	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	
(23) Variable Supply Revenue		\$31,139	\$40,644	\$221,435	\$5,207	\$105	\$30,394	\$26,509	\$7,855	(\$894)	\$7,855	\$9,827	\$8,709	\$388,785
(24) (d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(25) (e) Deferred Responsibility		\$1,729	\$28,212	\$0	\$8,892	\$1,500	\$1,969	\$1,679	\$919	\$648	\$6,343	\$18,807	\$1,345	\$72,044
(26) (e) FT-1 Storage and Peaking														
(27) Manchester Steet Volumes (dth)	Monthly Meter Use	0	0	0	0	0	0	0	0	0	0	0	0	0
(28) Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	\$3.0249	
(29) Manchester Street Revenue	(27) x (28)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>(30) TOTAL VARIABLE REVENUE</b>	<b>(17)+(20)+(23)+(24)+(25)+(26)+(29)</b>	<b>\$5,957,913</b>	<b>\$10,724,788</b>	<b>\$14,048,760</b>	<b>\$11,593,097</b>	<b>\$10,395,930</b>	<b>\$8,252,159</b>	<b>\$6,462,704</b>	<b>\$2,641,154</b>	<b>\$1,819,890</b>	<b>\$1,681,270</b>	<b>\$1,569,467</b>	<b>\$2,232,332</b>	<b>\$77,379,464</b>
<b>(31) Total GAS COST REVENUE (w/o FT-2)</b>	<b>(13) + (30)</b>	<b>\$10,958,866</b>	<b>\$18,984,598</b>	<b>\$24,750,324</b>	<b>\$20,615,853</b>	<b>\$18,532,569</b>	<b>\$14,696,189</b>	<b>\$11,558,842</b>	<b>\$4,880,850</b>	<b>\$3,450,206</b>	<b>\$3,197,983</b>	<b>\$2,989,977</b>	<b>\$4,159,444</b>	<b>\$138,775,703</b>

**WORKING CAPITAL**

		<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov-Oct</u>
		<u>Actual</u>												
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
<u>Description</u>	<u>Reference</u>													
(1) <b>Supply Fixed Costs</b>	Sch. 1, line (4)	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,391,037	\$5,387,032	\$5,431,471	\$6,365,529	\$77,223,663
(2) Less System Pressure to DAC	Sch. 1, line (5)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(3) Plus: Supply Related LNG O&M Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(4) Total Adjustments	(2) + (3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(5) Allowable Working Capital Costs	(1) + (4)	\$6,327,903	\$8,645,307	\$8,638,059	\$8,536,820	\$8,602,536	\$5,567,480	\$2,777,190	\$5,553,300	\$5,391,037	\$5,387,032	\$5,431,471	\$6,365,529	\$77,223,663
(6) Number of Days Lag	Dkt 4770	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(7) Working Capital Requirement	[(5) x (6)] ÷ 365	\$570,725	\$779,736	\$779,082	\$769,951	\$775,878	\$502,141	\$250,480	\$500,862	\$486,227	\$485,866	\$489,874	\$574,118	
(8) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	
(9) Return on Working Capital Requirement	(7) x (8)	\$40,693	\$55,595	\$55,549	\$54,898	\$55,320	\$35,803	\$17,859	\$35,711	\$34,668	\$34,642	\$34,928	\$40,935	
(10) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	
(11) Interest Expense	(7) x (10)	\$13,697	\$18,714	\$18,698	\$18,479	\$18,621	\$12,051	\$6,012	\$12,021	\$11,669	\$11,661	\$11,757	\$13,779	
(12) Taxable Income	(9) - (11)	\$26,995	\$36,881	\$36,851	\$36,419	\$36,699	\$23,751	\$11,848	\$23,691	\$22,999	\$22,981	\$23,171	\$27,156	
(13) 1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(14) Return and Tax Requirement	(12) ÷ (13)	\$34,171	\$46,685	\$46,646	\$46,100	\$46,454	\$30,065	\$14,997	\$29,988	\$29,112	\$29,090	\$29,330	\$34,374	
(15) <b>Supply Fixed Working Capital Requirement</b>	(11) + (14)	\$47,869	\$65,399	\$65,344	\$64,578	\$65,076	\$42,116	\$21,009	\$42,009	\$40,782	\$40,751	\$41,087	\$48,153	\$584,173
(16) <b>Supply Variable Costs</b>	Sch. 1, line (20)	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,913,246	\$1,899,688	\$1,848,549	\$3,227,386	\$76,061,709
(17) Less: Bal. Related Syst. Pressure Commodity to DAC	Sch. 1, line (21)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(18) Plus: Supply Related LNG O&M Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(19) Total Adjustments	(17) + (18)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(20) Allowable Working Capital Costs	(16) + (19)	\$9,270,622	\$13,029,252	\$13,220,051	\$11,838,236	\$8,413,386	\$6,292,144	\$2,983,048	\$2,126,101	\$1,913,246	\$1,899,688	\$1,848,549	\$3,227,386	\$76,061,709
(21) Number of Days Lag	Dkt 4770	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(22) Working Capital Requirement	[(20) x (21)] ÷ 365	\$836,134	\$1,175,131	\$1,192,340	\$1,067,712	\$758,818	\$567,500	\$269,046	\$191,757	\$172,559	\$171,336	\$166,724	\$291,084	
(23) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	
(24) Return on Working Capital Requirement	(22) x (23)	\$59,616	\$83,787	\$85,014	\$76,128	\$54,104	\$40,463	\$19,183	\$13,672	\$12,303	\$12,216	\$11,887	\$20,754	
(25) Cost of Debt (Long Term Debt + Short Term Debt)	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	
(26) Interest Expense	(22) x (25)	\$20,067	\$28,203	\$28,616	\$25,625	\$18,212	\$13,620	\$6,457	\$4,602	\$4,141	\$4,112	\$4,001	\$6,986	
(27) Taxable Income	(24) - (26)	\$39,549	\$55,584	\$56,398	\$50,503	\$35,892	\$26,843	\$12,726	\$9,070	\$8,162	\$8,104	\$7,886	\$13,768	
(28) 1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(29) Return and Tax Requirement	(27) ÷ (28)	\$50,062	\$70,359	\$71,389	\$63,928	\$45,433	\$33,978	\$16,109	\$11,481	\$10,332	\$10,258	\$9,982	\$17,428	
(30) <b>Supply Variable Working Capital Requirement</b>	(26) + (29)	\$70,129	\$98,562	\$100,006	\$89,553	\$63,645	\$47,598	\$22,566	\$16,083	\$14,473	\$14,371	\$13,984	\$24,414	\$575,383

**INVENTORY FINANCE**

		<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Actual</u> (i)	<u>Aug</u> <u>Actual</u> (j)	<u>Sep</u> <u>Actual</u> (k)	<u>Oct</u> <u>Actual</u> (l)	<u>Nov-Oct</u> <u>Actual</u> (m)
<u>Description</u>	<u>Reference</u>													
(1) <b>Storage Inventory Balance</b>		\$10,339,360	\$9,700,660	\$9,096,787	\$8,289,909	\$7,643,829	\$7,339,795	\$7,547,181	\$7,386,030	\$7,576,717	\$7,815,992	\$8,535,099	\$8,754,267	
(2) Monthly Storage Deferral/Amortization		\$1,112,206	\$853,815	\$505,549	\$202,220	\$1	\$157,781	\$559,506	\$1,024,123	\$1,325,125	\$1,617,472	\$1,879,110	\$2,194,483	
(3) <b>Subtotal</b>	(1) + (2)	\$11,451,566	\$10,554,475	\$9,602,336	\$8,492,129	\$7,643,830	\$7,497,576	\$8,106,687	\$8,410,153	\$8,901,842	\$9,433,464	\$10,414,209	\$10,948,749	
(4) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	
(5) Return on Working Capital Requirement	(3) x (4)	\$816,497	\$752,534	\$684,647	\$605,489	\$545,005	\$534,577	\$578,007	\$599,644	\$634,701	\$672,606	\$742,533	\$780,646	\$7,946,885
(6) Weighted Cost of Debt	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	
(7) Interest Charges Financed	(3) x (6)	\$274,838	\$253,307	\$230,456	\$203,811	\$183,452	\$179,942	\$194,560	\$201,844	\$213,644	\$226,403	\$249,941	\$262,770	\$2,674,968
(8) Taxable Income	(5) - (7)	\$541,659	\$499,227	\$454,190	\$401,678	\$361,553	\$354,635	\$383,446	\$397,800	\$421,057	\$446,203	\$492,592	\$517,876	
(9) 1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(10) Return and Tax Requirement	(8) ÷ (9)	\$685,644	\$631,933	\$574,925	\$508,453	\$457,662	\$448,906	\$485,375	\$503,545	\$532,984	\$564,814	\$623,534	\$655,539	\$6,673,313
(11) Working Capital Requirement	(7) + (10)	\$960,482	\$885,240	\$805,381	\$712,264	\$641,114	\$628,847	\$679,936	\$705,388	\$746,628	\$791,217	\$873,475	\$918,309	\$9,348,281
(12) Monthly Average	(11) ÷ 12	\$80,040	\$73,770	\$67,115	\$59,355	\$53,426	\$52,404	\$56,661	\$58,782	\$62,219	\$65,935	\$72,790	\$76,526	\$779,023
(13) <b>LNG Inventory Balance</b>		\$3,642,329	\$3,527,431	\$3,434,662	\$3,540,226	\$3,479,444	\$3,415,916	\$3,359,565	\$3,303,365	\$3,338,032	\$3,357,595	\$3,348,116	\$3,349,082	
(14) Cost of Capital	Dkt 4770	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	
(15) Return on Working Capital Requirement	(13) x (14)	\$259,698	\$251,506	\$244,891	\$252,418	\$248,084	\$243,555	\$239,537	\$235,530	\$238,002	\$239,396	\$238,721	\$238,790	\$2,930,128
(16) Weighted Cost of Debt	Dkt 4770	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	2.40%	
(17) Interest Charges Financed	(13) x (16)	\$87,416	\$84,658	\$82,432	\$84,965	\$83,507	\$81,982	\$80,630	\$79,281	\$80,113	\$80,582	\$80,355	\$80,378	\$986,298
(18) Taxable Income	(15) - (17)	\$172,282	\$166,847	\$162,460	\$167,453	\$164,578	\$161,573	\$158,907	\$156,249	\$157,889	\$158,814	\$158,366	\$158,412	
(19) 1 - Combined Tax Rate	Dkt 4770	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(20) Return and Tax Requirement	(18) ÷ (19)	\$218,079	\$211,199	\$205,645	\$211,965	\$208,326	\$204,523	\$201,149	\$197,784	\$199,859	\$201,031	\$200,463	\$200,521	\$2,460,544
(21) Working Capital Requirement	(17) + (20)	\$305,495	\$295,858	\$288,077	\$296,931	\$291,833	\$286,505	\$281,778	\$277,065	\$279,972	\$281,613	\$280,818	\$280,899	\$3,446,842
(22) Monthly Average	(21) ÷ 12	\$25,458	\$24,655	\$24,006	\$24,744	\$24,319	\$23,875	\$23,482	\$23,089	\$23,331	\$23,468	\$23,401	\$23,408	\$287,237
(23) TOTAL GCR Inventory Financing Costs	(12) + (22)	\$105,498	\$98,425	\$91,121	\$84,100	\$77,746	\$76,279	\$80,143	\$81,871	\$85,550	\$89,402	\$96,191	\$99,934	\$1,066,260

**Actual Dth Usage for Filing**

	<u>Nov</u> <u>Actual</u> (a)	<u>Dec</u> <u>Actual</u> (b)	<u>Jan</u> <u>Actual</u> (c)	<u>Feb</u> <u>Actual</u> (d)	<u>Mar</u> <u>Actual</u> (e)	<u>Apr</u> <u>Actual</u> (f)	<u>May</u> <u>Actual</u> (g)	<u>Jun</u> <u>Actual</u> (h)	<u>Jul</u> <u>Actual</u> (i)	<u>Aug</u> <u>Actual</u> (j)	<u>Sep</u> <u>Actual</u> (k)	<u>Oct</u> <u>Actual</u> (l)	<u>Nov-Oct</u>  (m)
<b><u>THROUGHPUT (Dth)</u></b>													
<b>Rate Class</b>													
(1) <b>SALES</b>													
(2) Residential Non-Heating	22,483	36,558	48,091	38,026	37,484	35,701	31,884	19,358	15,026	13,867	12,733	15,448	326,658
(3) Residential Non-Heating Low Income	1,033	1,829	2,257	2,094	2,182	2,089	1,766	978	713	640	618	731	16,930
(4) Residential Heating	1,171,987	2,453,453	3,220,071	2,651,134	2,415,017	1,925,877	1,524,285	602,351	402,672	364,713	341,335	484,559	17,557,453
(5) Residential Heating Low Income	102,552	211,978	259,473	214,561	222,999	188,477	150,327	61,353	42,038	38,718	37,323	48,940	1,578,738
(6) Small C&I	132,899	324,135	424,272	391,679	298,414	221,149	153,668	56,287	34,464	36,320	35,449	49,808	2,158,545
(7) Medium C&I	215,214	431,392	521,280	459,434	405,100	296,219	218,546	110,408	85,100	81,927	69,814	101,349	2,995,782
(8) Large LLF	37,707	72,990	105,970	78,205	72,828	55,257	42,207	8,942	9,299	6,951	5,346	9,342	505,043
(9) Large HLF	18,555	22,601	28,766	23,415	22,386	20,259	16,298	15,457	13,291	11,305	9,958	15,011	217,301
(10) Extra Large LLF	4,006	6,814	8,456	7,463	8,239	5,026	4,780	1,938	498	312	58	14,725	62,315
(11) Extra Large HLF	9,050	9,917	16,323	7,276	5,272	4,200	6,309	9,362	9,733	3,925	4,834	7,331	93,532
(12) <b>Total SALES</b>	1,715,485	3,571,667	4,634,958	3,873,286	3,489,921	2,754,254	2,150,069	886,434	612,834	558,677	517,468	747,245	25,512,297
(13) <b>TSS</b>													
(14) Small	183	797	2,489	2,202	1,961	1,540	1,150	2	27	70	(36)	(81)	10,305
(15) Medium	1,075	3,761	10,854	10,469	11,126	9,614	12,156	1,113	58	1,102	479	1,223	63,030
(16) Large LLF	2,666	1,497	8,266	5,478	3,789	3,946	1,440	0	117	25	220	455	27,899
(17) Large HLF	278	426	642	695	1,209	1,261	1,427	0	0	52	83	94	6,167
(18) Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
(19) Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
(20) <b>Total TSS</b>	4,202	6,482	22,250	18,844	18,086	16,361	16,173	1,115	202	1,248	745	1,691	107,400
(21) <b>Sales &amp; TSS THROUGHPUT</b>													
(22) Residential Non-Heating	22,483	36,558	48,091	38,026	37,484	35,701	31,884	19,358	15,026	13,867	12,733	15,448	326,658
(23) Residential Non-Heating Low Income	1,033	1,829	2,257	2,094	2,182	2,089	1,766	978	713	640	618	731	16,930
(24) Residential Heating	1,171,987	2,453,453	3,220,071	2,651,134	2,415,017	1,925,877	1,524,285	602,351	402,672	364,713	341,335	484,559	17,557,453
(25) Residential Heating Low Income	102,552	211,978	259,473	214,561	222,999	188,477	150,327	61,353	42,038	38,718	37,323	48,940	1,578,738
(26) Small C&I	133,082	324,932	426,761	393,882	300,376	222,689	154,817	56,289	34,491	36,390	35,414	49,727	2,168,850
(27) Medium C&I	216,289	435,153	532,134	469,902	416,227	305,833	230,702	111,521	85,158	83,028	70,293	102,573	3,058,812
(28) Large LLF	40,373	74,487	114,235	83,682	76,618	59,203	43,647	8,942	9,416	6,976	5,566	9,797	532,941
(29) Large HLF	18,834	23,027	29,408	24,110	23,595	21,519	17,725	15,457	13,291	11,357	10,040	15,104	223,468
(30) Extra Large LLF	4,006	6,814	8,456	7,463	8,239	5,026	4,780	1,938	498	312	58	14,725	62,315
(31) Extra Large HLF	9,050	9,917	16,323	7,276	5,272	4,200	6,309	9,362	9,733	3,925	4,834	7,331	93,532
(32) <b>Total SALES &amp; TSS THROUGHPUT</b>	1,719,687	3,578,148	4,657,209	3,892,129	3,508,007	2,770,615	2,166,242	887,550	613,036	559,925	518,213	748,936	25,619,697
(33) <b>FT-1 TRANSPORTATION</b>													
(34) FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
(35) FT-1 Medium	53,139	99,181	95,693	81,537	68,651	39,875	38,431	4,978	8,581	17,647	18,901	26,982	553,594
(36) FT-1 Large LLF	68,022	155,934	159,940	126,285	106,814	72,569	60,840	(1,617)	(7,842)	13,100	16,332	27,229	797,605
(37) FT-1 Large HLF	35,389	52,761	54,759	52,024	41,698	32,983	24,926	16,851	26,425	22,596	17,068	20,155	397,635
(38) FT-1 Extra Large LLF	111,045	203,164	195,580	168,091	146,577	100,362	77,008	(7,572)	(8,602)	18,150	24,280	32,928	1,061,012
(39) FT-1 Extra Large HLF	497,179	511,433	574,478	549,787	456,170	487,905	414,021	367,817	361,290	405,650	440,020	376,766	5,442,516
(40) Default	4,509	8,780	27,294	(2,440)	5,561	5,844	5,097	1,510	(1,772)	1,510	1,890	1,674	61,058
(41) <b>TOTAL FT-1 TRANSPORTATION</b>	769,282	1,031,253	1,107,744	975,284	825,471	739,538	620,323	381,967	379,679	478,653	518,491	485,735	8,313,421
(42) <b>FT-2 TRANSPORTATION</b>													
(42) FT-2 Small	10,620	24,989	32,330	27,897	25,796	19,347	14,451	5,709	4,010	3,741	3,330	5,031	177,250
(43) FT-2 Medium	136,235	258,296	315,596	271,771	253,296	190,183	144,794	64,652	46,873	45,397	38,138	63,483	1,828,715
(44) FT-2 Large LLF	101,167	205,211	247,984	220,822	201,996	156,577	115,345	36,944	18,352	15,031	16,147	31,730	1,367,306
(45) FT-2 Large HLF	45,680	63,038	83,507	67,890	65,872	57,204	48,678	41,195	38,975	35,105	33,574	39,789	620,507
(46) FT-2 Extra Large LLF	1,610	10,059	12,201	10,319	9,785	6,806	3,406	1,492	503	250	506	796	57,732
(47) FT-2 Extra Large HLF	40,682	55,588	42,762	36,927	42,387	34,018	25,434	33,930	33,899	26,441	35,884	37,081	445,032
(48) <b>TOTAL FT-2 TRANSPORTATION</b>	335,993	617,179	734,380	635,627	599,132	464,135	352,108	183,922	142,611	125,964	127,580	177,910	4,496,542
(49) <b>Total THROUGHPUT</b>													
(50) Residential Non-Heating	22,483	36,558	48,091	38,026	37,484	35,701	31,884	19,358	15,026	13,867	12,733	15,448	326,658
(51) Residential Non-Heating Low Income	1,033	1,829	2,257	2,094	2,182	2,089	1,766	978	713	640	618	731	16,930
(52) Residential Heating	1,171,987	2,453,453	3,220,071	2,651,134	2,415,017	1,925,877	1,524,285	602,351	402,672	364,713	341,335	484,559	17,557,453
(53) Residential Heating Low Income	102,552	211,978	259,473	214,561	222,999	188,477	150,327	61,353	42,038	38,718	37,323	48,940	1,578,738
(54) Small C&I	143,702	349,921	459,091	421,778	326,172	242,036	169,268	61,998	38,501	40,131	38,744	54,758	2,346,100
(55) Medium C&I	405,663	792,629	943,423	823,210	738,174	535,891	413,927	181,151	140,611	146,072	127,332	193,038	5,441,121
(56) Large LLF	209,562	435,633	522,159	430,790	385,427	288,349	219,831	44,269	19,926	35,106	38,045	68,757	2,697,852
(57) Large HLF	99,903	138,826	167,674	144,024	131,166	111,706	91,329	73,503	78,691	69,057	60,682	75,049	1,241,610
(58) Extra Large LLF	116,661	220,037	216,237	185,873	164,601	112,194	85,194	(4,141)	(7,601)	18,712	24,844	48,449	1,181,059
(59) Extra Large HLF	546,911	576,937	633,563	593,990	503,828	526,123	445,764	411,110	404,921	436,016	480,738	421,179	5,981,080
(60) Default	4,509	8,780	27,294	(2,440)	5,561	5,844	5,097	1,510	(1,772)	1,510	1,890	1,674	61,058
(61) <b>TOTAL THROUGHPUT</b>	2,824,963	5,226,581	6,499,333	5,503,040	4,932,610	3,974,288	3,138,673	1,453,439	1,135,327	1,164,541	1,164,284	1,412,581	38,429,659